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L1	2	"6263313".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/30 13:50
L2	57	(707/102.ccls. or 707/103R.ccls.) and (composite compound) near3 key\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/30 13:51
S1	1	"623658".apn. and multi-key	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/27 10:14
S2	5	metadata same compound near3 key\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/27 10:19
S3	14	metadata same (composite compound) near3 key\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/27 10:35
S4	1	"6496830".pn. and composite	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/30 13:24


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Relevance scale ☐ ☐ ☐ ☐ ☐

## 1 [Research session: views and cache management: Caching with "good enough"](#)


[currency, consistency, and completeness](#)

Hongfei Guo, Per-Åke Larson, Raghu Ramakrishnan

 August 2005 **Proceedings of the 31st international conference on Very large data bases VLDB '05**
**Publisher:** VLDB Endowment

 Full text available: pdf(317.31 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

SQL extensions that allow queries to explicitly specify data quality requirements in terms of currency and consistency were proposed in an earlier paper. This paper develops a data quality-aware, finer grained cache model and studies cache design in terms of four fundamental properties: *presence*, *consistency*, *completeness* and *currency*. The model provides an abstract view of the cache to the query processing layer, and opens the door for adaptive cache management. We describe an imp ...

## 2 [Query processing over object views of relational data](#)



Gustav Fahl, Tore Risch

 November 1997 **The VLDB Journal — The International Journal on Very Large Data Bases**, Volume 6 Issue 4

**Publisher:** Springer-Verlag New York, Inc.

 Full text available: pdf(454.31 KB) Additional Information: [full citation](#), [abstract](#), [citations](#), [index terms](#)

This paper presents an approach to *object view* management for relational databases. Such a view mechanism makes it possible for users to transparently work with data in a relational database as if it was stored in an object-oriented (OO) database. A query against the object view is translated to one or several queries against the relational database. The results of these queries are then processed to form an answer to the initial query. The approach is not restricted to a 'pure&rsqu ...

**Keywords:** Object views, Object-oriented federated databases, Query optimization, Relational databases, query processing

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Relevance scale ☐ ☐ ☐ ☐ ☐1 [Information Retrieval: Query-free news search](#)

Monika Henzinger, Bay-Wei Chang, Brian Milch, Sergey Brin

May 2003 **Proceedings of the 12th international conference on World Wide Web**

Publisher: ACM Press

Full text available: pdf(126.70 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Many daily activities present information in the form of a stream of text, and often people can benefit from additional information on the topic discussed. TV broadcast news can be treated as one such stream of text; in this paper we discuss finding news articles on the web that are relevant to news currently being broadcast. We evaluated a variety of algorithms for this problem, looking at the impact of inverse document frequency, stemming, compounds, history, and query length on the relevance a ...

**Keywords:** query-free search, web information retrieval

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